



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 9, 2022

Kathy A. Bolan
Regulatory Consultant
14615 NE 13th Court, Suite A
Vancouver, WA 98685

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation Amendment –Amending the Basic Confidential Statement of Formula (CSF) and the Alternate CSF to Update the Producer Address; and Amending Label to Establishment Number and to Make Minor Editorial Changes
Product Name: ISOMATE Mist NOW
EPA Registration Number: 53575-52
EPA Receipt Date: 04/19/2022
Action Case Number: 00356265

Dear Ms. Bolan:

The amended labeling and Confidential Statements of Formula (CSFs) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following acceptable CSF:

- Basic CSF dated 04/19/2022
- Alternate CSF dated 4/19/2022

Any CSFs other than that listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section

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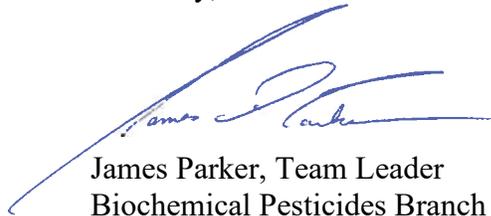
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12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Chris Pfeifer of my team by phone at (703) 244-7991 or via email at pfeifer.chris@epa.gov.

Sincerely,



James Parker, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure



ISOMATE® MIST NOW

For Navel Orangeworm Control

**In Almond, Walnut, Pistachio, Fig, and Any Other Crops
where NOW is a Pest**

ISOMATE Mist NOW is an aerosol canister containing behavior modifying biochemicals (pheromones) that disrupt the mating of navel orangeworm (*Amyelois transitella*).

Active Ingredients*:	
(Z,Z)-11, 13-Hexadecadienal.....	2.16 %
Other Ingredients	97.84 %
Total	100.00 %
*contains 7.1 g a.i. per can	

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side/back panel for First Aid and Precautionary Statements

Produced for:
Pacific Biocontrol Corporation
14615 NE 13th Court, Suite A, Vancouver, WA 98685 U.S.A.
Telephone (360) 571-2247 or 1-800-999-8805
www.pacificbiocontrol.com

Made in USA **Net Contents:** 329 g per can
EPA Est. No: 34631-PA-001 EPA Reg. No: 53575-52
44179-NV-001

ISOMATE® is a registered Trademark of Pacific Biocontrol Corp.
Batch Code #: See bottom of can

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply more than 150 g of active ingredient per acre per year.

Method of Application: For use in almond, walnut, pistachio, pecan, hazelnut, fig, pomegranate, apple, pear, orange, grapefruit, lemon, carob, date, peach, apricot, plum, loquat and other crops where navel orangeworm is a pest.

Deploy **ISOMATE Mist NOW** in the spring as soon as the tree canopy is fully leafed. Activate **ISOMATE Mist NOW** by firmly pressing onto can, keeping away from face. Activation is confirmed by an audible "CLICK" when emitter is secured onto the can and one cycle of the spray mechanism occurs within 3 seconds. The emitter is preprogrammed to activate over a maximum of 12 hours per day (5 PM-5 AM).

Product Placement: Hang activated **ISOMATE Mist NOW** unit in the center of the tree canopy with the nozzle pointing downwind and at least three (3) feet from fruits or nuts. Distribute the units in a grid pattern considering topography, prevailing wind direction and historical pest pressure to achieve a rate of one unit per acre.

For optimal results, **ISOMATE MIST NOW** is best used apply prior to pest emergence and in large contiguous areas. Minimum suggested acreage size is 40 acres.

Mode of Action and Management: **ISOMATE Mist NOW** suppresses mating of navel orangeworm. Immigration of mated female moths from adjacent external sources of infestation will reduce the level of control. Manage by one or more of the following: a) Treatment of external sources of infestation with **ISOMATE Mist NOW**; b) Treatment of external sources of infestation with an effective insecticide; c) Treatment of the pheromone treated orchard with an effective insecticide.

Areawide application is the most effective use of **ISOMATE Mist NOW**. Supplementary applications of insecticide are advised in conjunction with **ISOMATE Mist NOW** until pest populations have been reduced significantly. All pests must be monitored so that timely intervention with effective insecticides is possible.

Consult your local pest control advisor or Pacific Biocontrol representative for proper timing and field placement in your area.

WARRANTY AND LIMITATIONS OF DAMAGES

The directions for use of this product are believed to be adequate and must be followed carefully. Pacific Biocontrol Corporation warrants that the product complies with the specifications expressed in this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation makes no other warranties, and disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability and fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Pacific Biocontrol Corporation shall have no liability for damages (special, consequential, or incidental) that result from handling, storage, and use of this product, which is not in compliance with the label. Use of this product implies all directions of this label have been read carefully. Read all directions carefully.

ISOMATE Mist NOW
EPA Reg. No. 53575-52
EPA Amended Label: 08/01/2022

FIRST AID	
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Contact a poison control center or doctor for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • Remove contaminated clothing. • Immediately rinse skin for 15-20 minutes using plenty of water. Contact a poison control center or doctor for treatment advice.
If in Eyes	<ul style="list-style-type: none"> • Immediately hold eyes open, slowly, and gently rinse with water for 15-20 minutes. • If wearing contact lenses, rinse eyes for 5 minutes, remove contact lenses, and continue rinsing. Contact a poison control center or doctor for treatment advice.
If Swallowed	<ul style="list-style-type: none"> • Contact a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Hot Line Number	
<p>Have the product container or label with you when calling a poison control center or doctor or when going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call 1-800-999-8805, Monday through Friday, 9 AM to 5 PM (PST).</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans And Domestic Animals

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye and skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposing of equipment wash waters.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store container in a cool, dry place away from heat or open flame.

Pesticide Disposal: Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.



Container Handling: Nonrefillable container. Do not reuse or refill this container. Remove empty can from emitter and discard in trash or at an approved waste disposal facility. Do not puncture or incinerate. If can is empty offer for recycling.